

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
 Data File : BG059910.D
 Acq On : 27 Nov 2023 21:13
 Operator : MA/JU
 Sample : 05504-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 281

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG059910.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.802	402	411	420	rBV	477544	802067	43.91%	3.467%
2	7.435	681	689	696	rBV	563841	955419	52.31%	4.130%
3	8.311	832	838	846	rVB	146693	251840	13.79%	1.089%
4	9.509	1035	1042	1049	rVB	339295	575324	31.50%	2.487%
5	11.154	1316	1322	1328	rBV	201004	381452	20.88%	1.649%
6	11.207	1328	1331	1338	rVB2	81447	137575	7.53%	0.595%
7	12.788	1593	1600	1608	rVB2	121919	204208	11.18%	0.883%
8	12.999	1631	1636	1644	rVB3	69840	130597	7.15%	0.565%
9	13.563	1725	1732	1740	rVB	976738	1456704	79.75%	6.297%
10	13.775	1763	1768	1776	rVB6	39485	70114	3.84%	0.303%
11	13.963	1796	1800	1805	rBV5	19238	29696	1.63%	0.128%
12	14.104	1817	1824	1832	rVB4	45010	120414	6.59%	0.521%
13	14.256	1843	1850	1855	rBV4	55947	108390	5.93%	0.469%
14	14.309	1855	1859	1864	rVB4	39175	57552	3.15%	0.249%
15	14.491	1885	1890	1895	rBV3	23763	41708	2.28%	0.180%
16	14.668	1914	1920	1929	rBV7	30613	67751	3.71%	0.293%
17	14.891	1954	1958	1961	rBV3	20932	29065	1.59%	0.126%
18	14.944	1961	1967	1972	rVV	302746	457628	25.05%	1.978%
19	15.003	1972	1977	1984	rVB	154080	240679	13.18%	1.040%
20	15.338	2025	2034	2039	rVV	153253	263640	14.43%	1.140%
21	15.396	2039	2044	2048	rVB4	24598	39671	2.17%	0.171%
22	15.531	2062	2067	2072	rBV4	28457	49579	2.71%	0.214%
23	15.584	2072	2076	2080	rBV5	22247	32036	1.75%	0.138%
24	15.690	2089	2094	2096	rBV5	17110	25898	1.42%	0.112%
25	15.878	2121	2126	2131	rVB6	13696	28453	1.56%	0.123%
26	15.984	2133	2144	2152	rVB2	255863	425290	23.28%	1.838%
27	16.072	2155	2159	2160	rBV2	17884	22161	1.21%	0.096%
28	16.231	2183	2186	2189	rBV5	17491	26200	1.43%	0.113%
29	16.266	2189	2192	2197	rVB2	57682	75237	4.12%	0.325%
30	16.425	2210	2219	2227	rBV	795019	1273818	69.74%	5.506%
31	16.507	2230	2233	2237	rVB4	14784	18899	1.03%	0.082%
32	16.765	2274	2277	2282	rVB5	19991	23175	1.27%	0.100%
33	16.977	2304	2313	2318	rBV5	48347	111472	6.10%	0.482%
34	17.024	2318	2321	2322	rBV3	22500	27139	1.49%	0.117%
35	17.124	2337	2338	2344	rVB6	24118	22044	1.21%	0.095%
36	17.188	2344	2349	2354	rBV8	30775	56705	3.10%	0.245%

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Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.347	2371	2376	2379	rVB4	29061	51444	2.82%	0.222%
38	17.400	2379	2385	2393	rVV7	22997	50093	2.74%	0.217%
39	17.511	2397	2404	2411	rVB2	84945	144316	7.90%	0.624%
40	17.694	2428	2435	2438	rBV2	325183	521984	28.58%	2.256%
41	17.735	2438	2442	2448	rVB	1173020	1774949	97.17%	7.673%
42	17.829	2451	2458	2464	rBV	180589	304628	16.68%	1.317%
43	17.970	2480	2482	2485	rBV3	14728	18324	1.00%	0.079%
44	18.099	2495	2504	2511	rBV2	94430	209863	11.49%	0.907%
45	18.199	2516	2521	2525	rVV6	33401	63619	3.48%	0.275%
46	18.264	2529	2532	2538	rVB7	44929	78966	4.32%	0.341%
47	18.405	2554	2556	2562	rVB6	30544	52783	2.89%	0.228%
48	18.504	2567	2573	2578	rBV5	81737	140077	7.67%	0.606%
49	18.557	2578	2582	2586	rBV	154079	209497	11.47%	0.906%
50	18.604	2586	2590	2597	rVB	206586	337981	18.50%	1.461%
51	18.687	2597	2604	2608	rBV	64378	119935	6.57%	0.518%
52	18.757	2609	2616	2620	rBV2	174437	408855	22.38%	1.767%
53	18.910	2636	2642	2644	rBV7	25386	43753	2.40%	0.189%
54	18.939	2644	2647	2652	rBV7	28273	47037	2.58%	0.203%
55	19.045	2660	2665	2670	rBV	111606	166359	9.11%	0.719%
56	19.104	2671	2675	2680	rVB3	145703	197750	10.83%	0.855%
57	19.333	2711	2714	2717	rBV3	59359	66211	3.62%	0.286%
58	19.374	2717	2721	2724	rVB5	44582	56276	3.08%	0.243%
59	19.450	2730	2734	2738	rBV2	99207	155069	8.49%	0.670%
60	19.544	2748	2750	2754	rVB4	44954	44483	2.44%	0.192%
61	19.621	2755	2763	2768	rVB7	80159	166155	9.10%	0.718%
62	19.732	2776	2782	2786	rBV	1317985	1826609	100.00%	7.896%
63	19.768	2786	2788	2792	rVB5	33906	35960	1.97%	0.155%
64	19.973	2821	2823	2827	rVB2	42036	44350	2.43%	0.192%
65	20.050	2831	2836	2839	rBV2	166870	268299	14.69%	1.160%
66	20.097	2839	2844	2848	rVB	980311	1335749	73.13%	5.774%
67	20.267	2868	2873	2878	rBV	1179325	1523353	83.40%	6.585%
68	20.402	2892	2896	2901	rVB5	90308	178175	9.75%	0.770%
69	20.567	2922	2924	2929	rVB	149292	164964	9.03%	0.713%
70	20.667	2937	2941	2944	rBV2	107334	167970	9.20%	0.726%
71	20.731	2949	2952	2956	rVB2	77486	100638	5.51%	0.435%
72	20.872	2973	2976	2980	rBV	62710	64745	3.54%	0.280%
73	21.360	3057	3059	3065	rVB	145712	194466	10.65%	0.841%
74	21.554	3087	3092	3098	rBV5	104422	229347	12.56%	0.991%
75	21.712	3117	3119	3120	rBV2	53559	43450	2.38%	0.188%
76	21.994	3162	3167	3175	rBV2	357716	988543	54.12%	4.273%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	22.065	3175	3179	3185	rVB	360092	582588	31.89%	2.518%
78	24.427	3573	3581	3590	rBV2	210299	721208	39.48%	3.118%
79	25.238	3716	3719	3729	rVB2	89016	222669	12.19%	0.963%
80	25.414	3741	3749	3756	rVB2	129875	350815	19.21%	1.516%
81	32.359	4929	4931	4932	rBV2	24202	19720	1.08%	0.085%

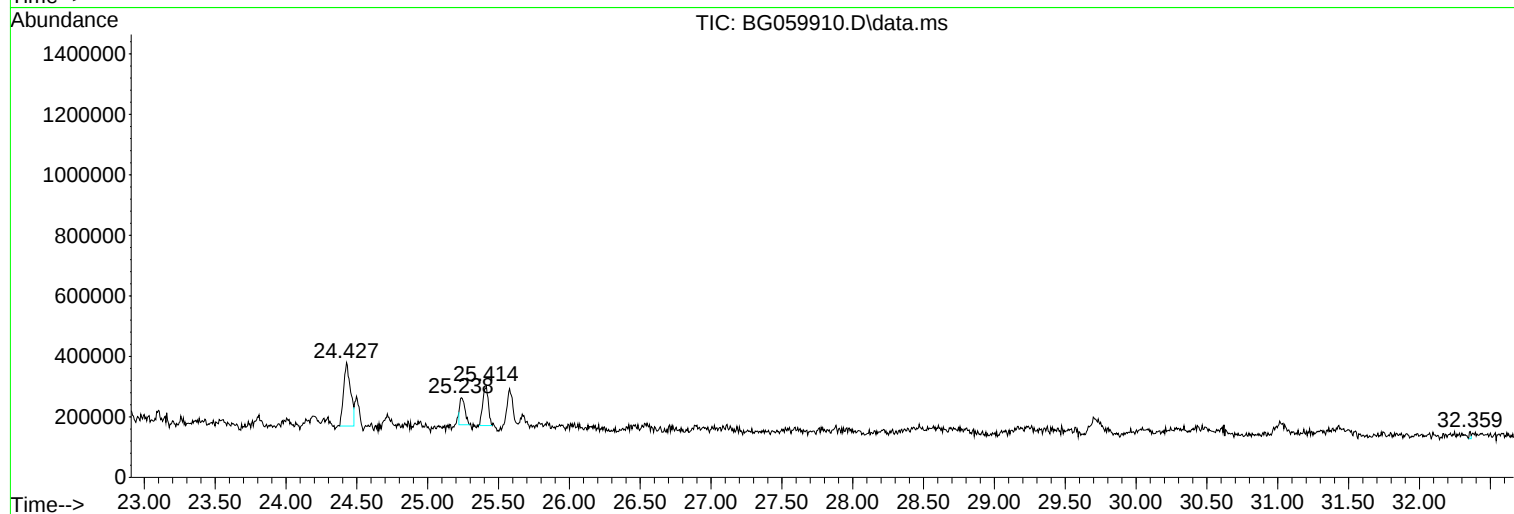
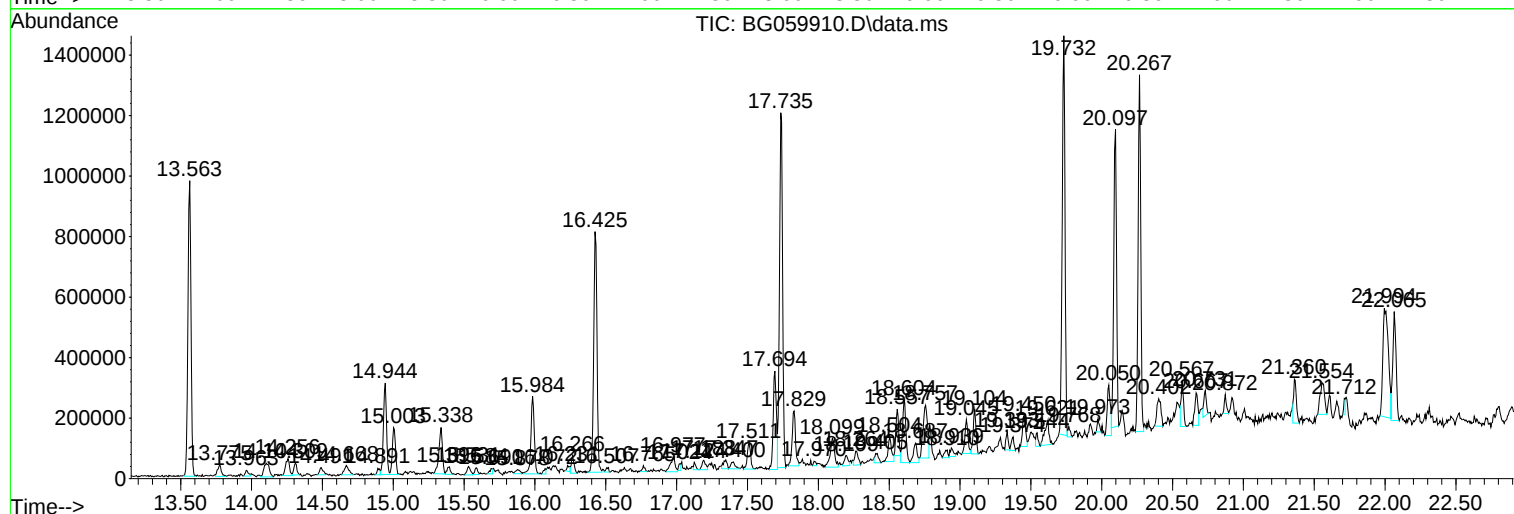
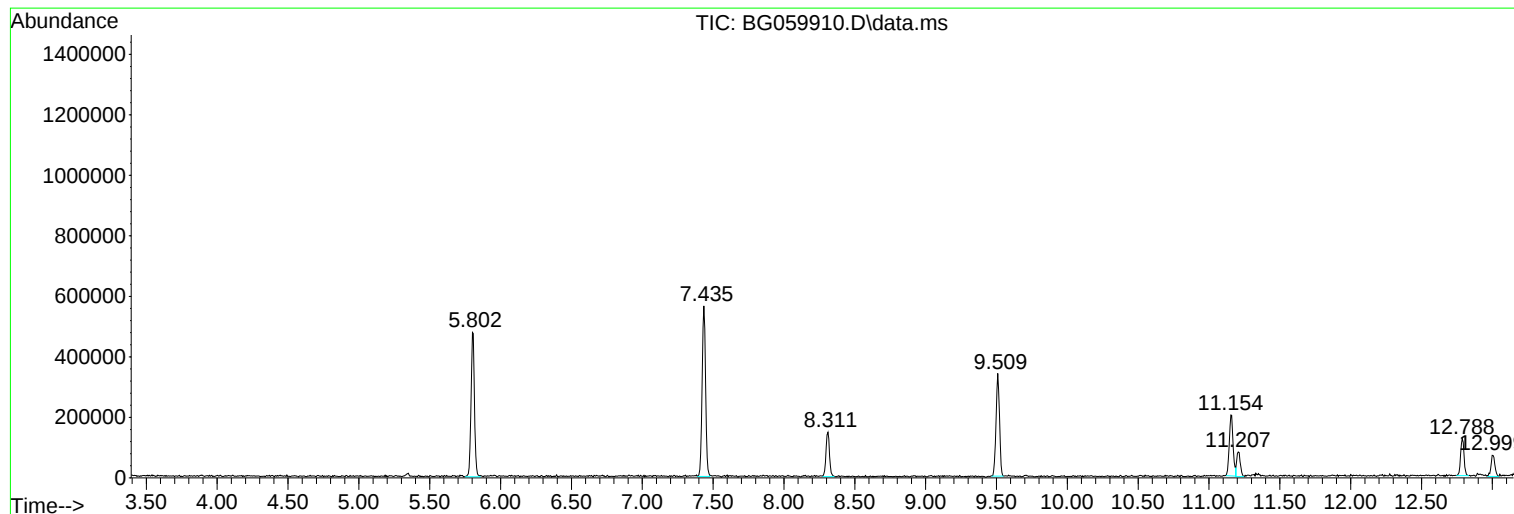
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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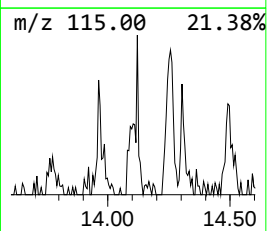
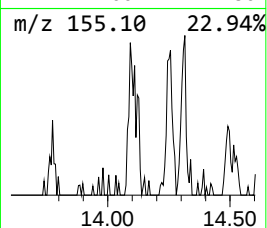
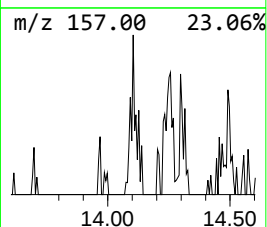
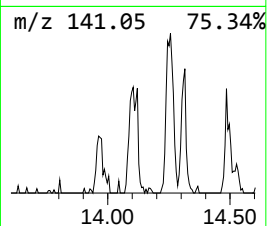
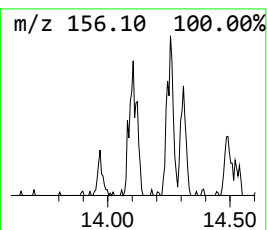
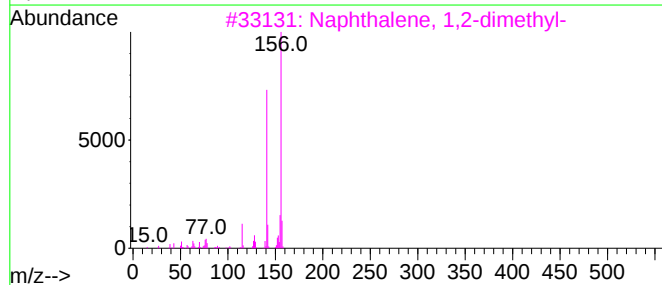
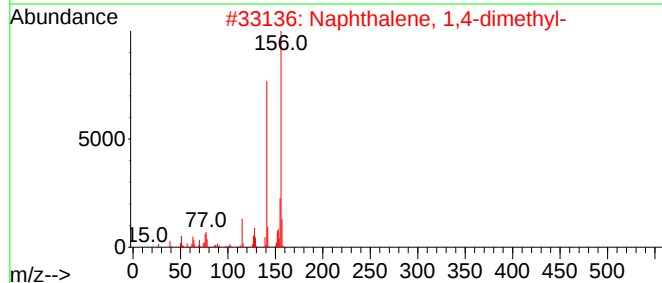
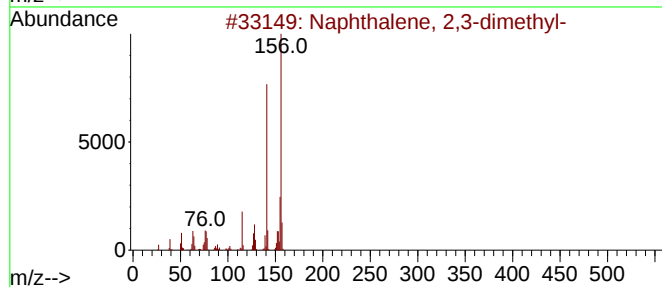
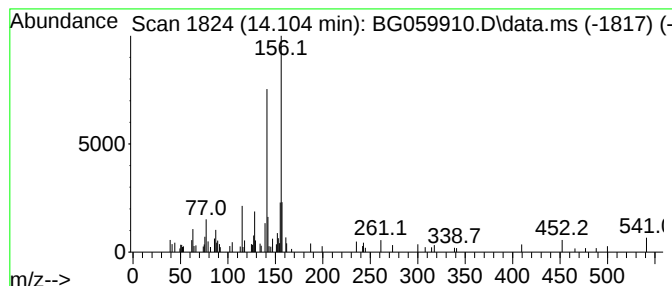
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Naphthalene, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.104	5.26 ng	120414	Acenaphthene-d10	14.944

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	87
2			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	87
3			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	87
4			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	83
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	83



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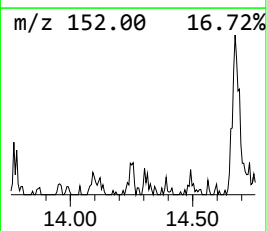
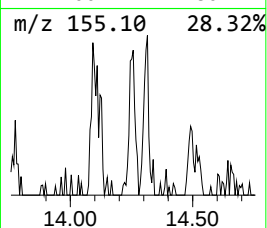
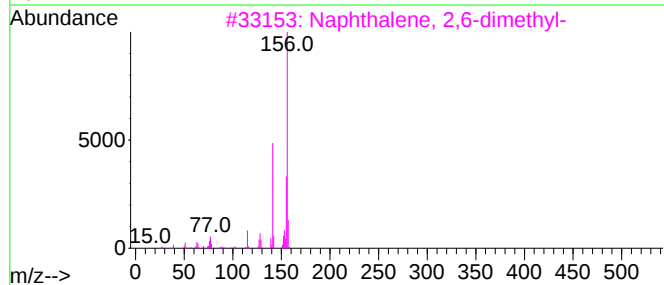
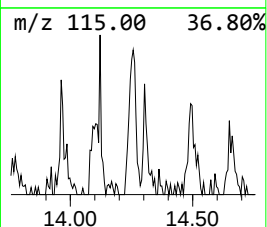
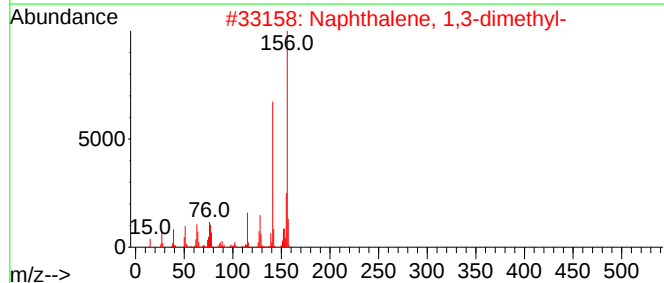
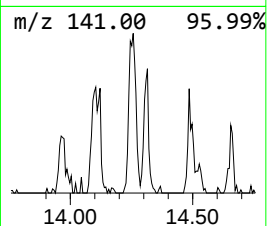
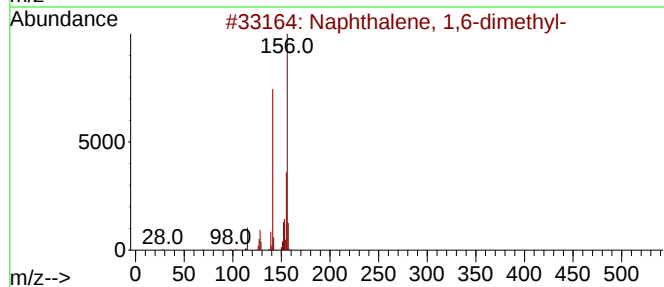
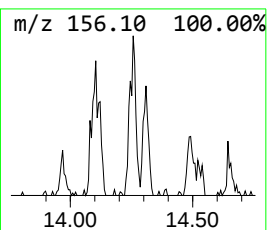
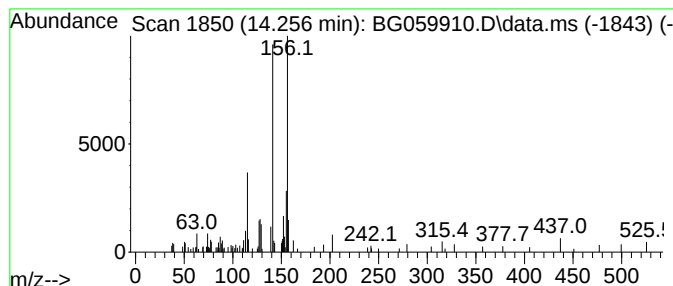
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Naphthalene, 1,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	4.74 ng	108390	Acenaphthene-d10	14.944

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	87
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	87
3			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	87
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	87
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	83



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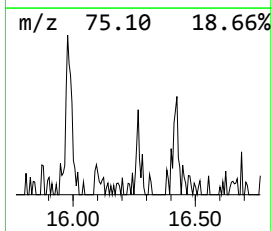
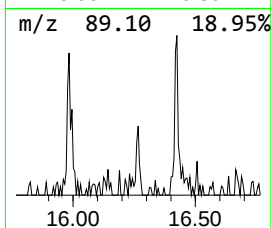
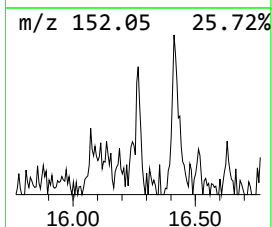
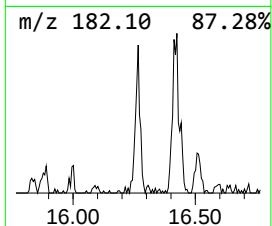
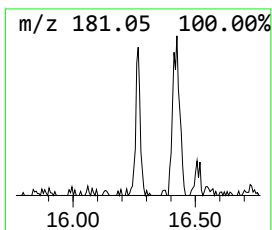
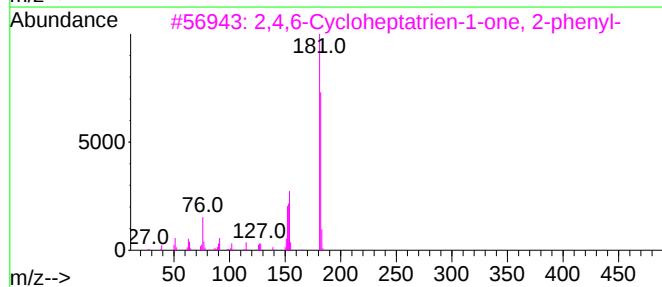
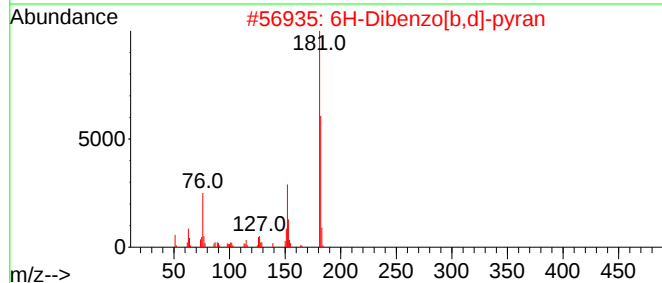
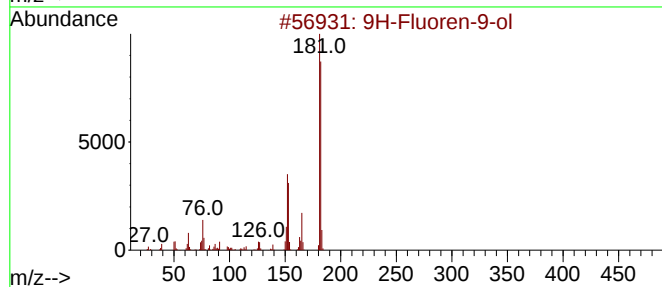
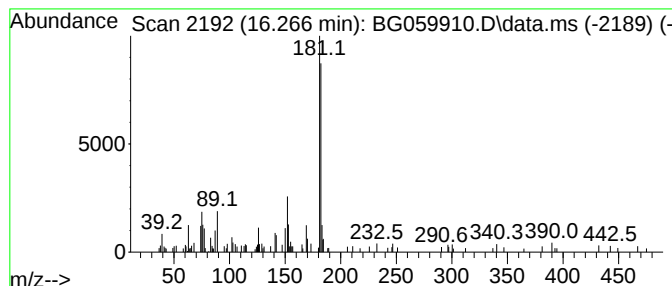
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 9H-Fluoren-9-ol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.266	3.29 ng	75237	Acenaphthene-d10	14.944

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83
2			6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	80
3			2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	80
4			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	64
5			Pyridine, 4,4'-(1,2-ethenediyl)b...	182	C12H10N2	013362-78-2	64



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281

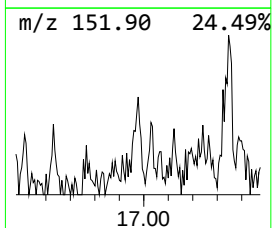
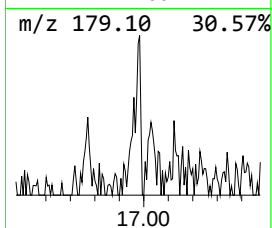
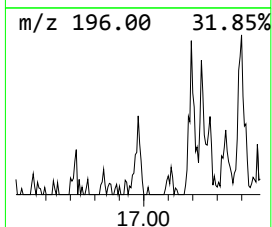
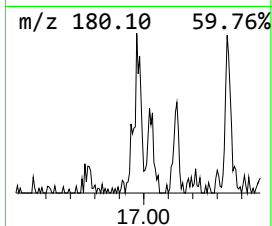
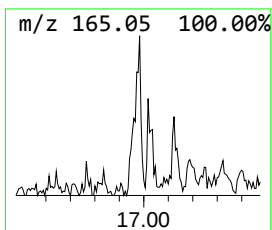
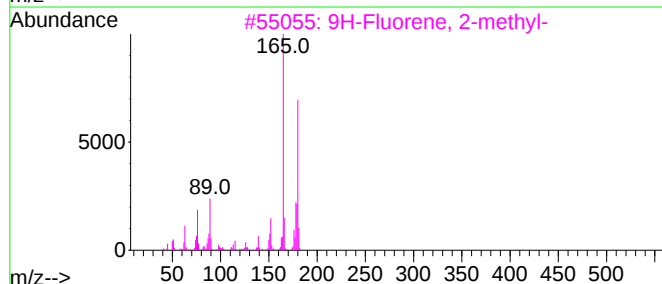
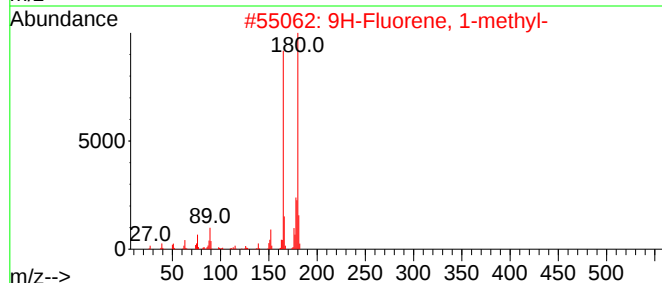
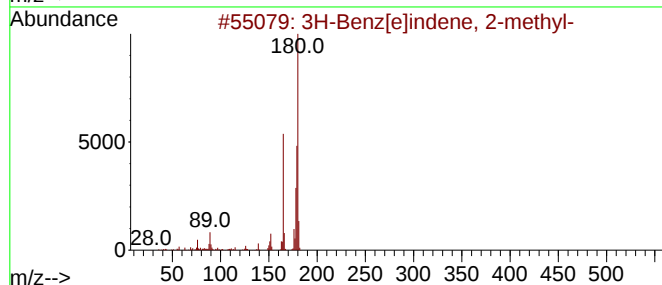
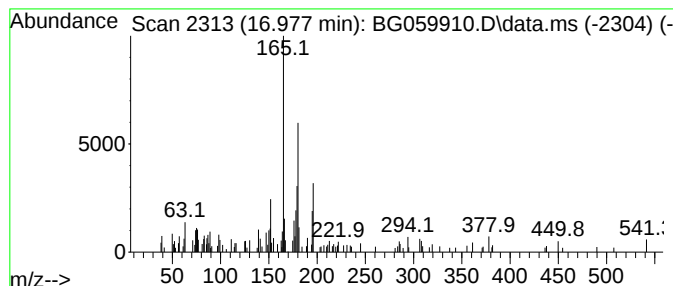
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 3H-Benz[e]indene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.977	4.27 ng	111472	Phenanthrene-d10	17.694

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3H-Benz[e]indene, 2-methyl-	180	C14H12	150096-60-9	92
2			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	64
3			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	64
4			9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	58
5			4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
Data File : BG059910.D
Acq On : 27 Nov 2023 21:13
Operator : MA/JU
Sample : 05504-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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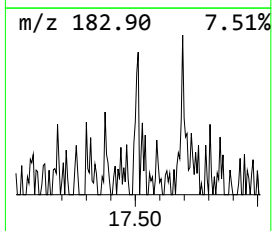
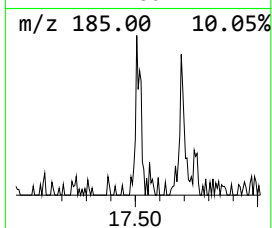
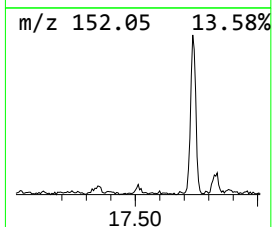
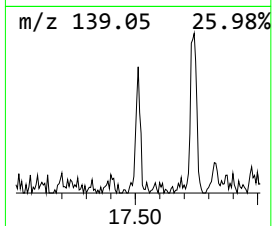
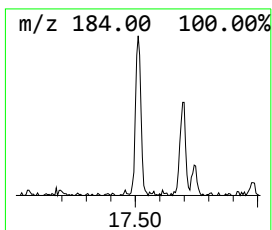
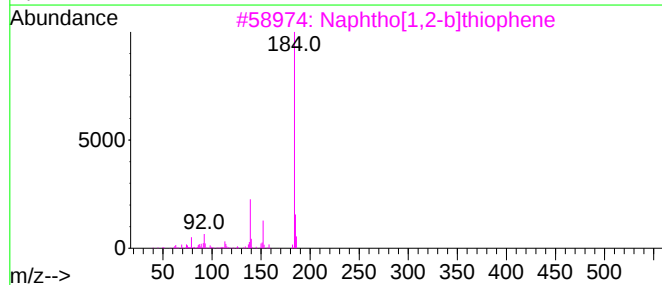
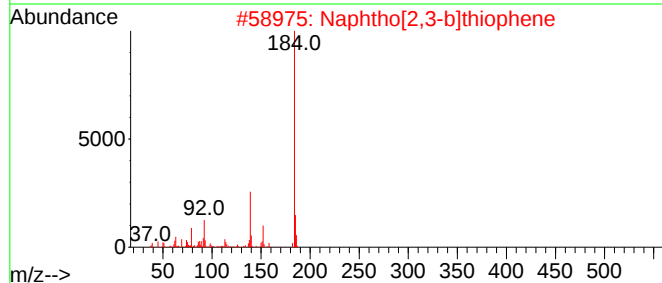
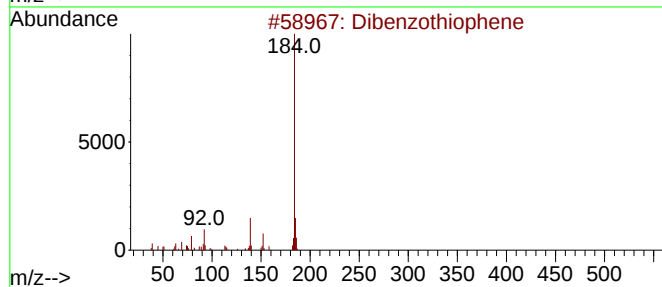
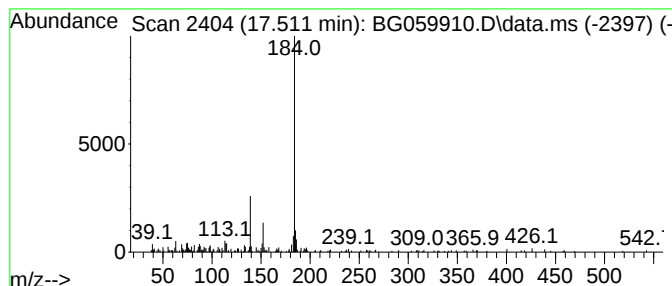
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Dibenzothiophene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.512	5.53 ng	144316	Phenanthrene-d10	17.694

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	90
2			Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	83
3			Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	80
4			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	72
5			7,11-epithio-7H-naphtho[1',8':4,...	357	C22H15N02S	1000467-92-6	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
Data File : BG059910.D
Acq On : 27 Nov 2023 21:13
Operator : MA/JU
Sample : 05504-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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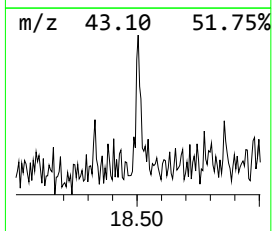
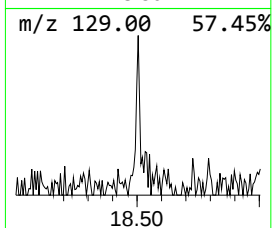
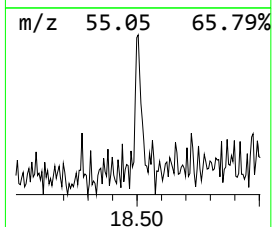
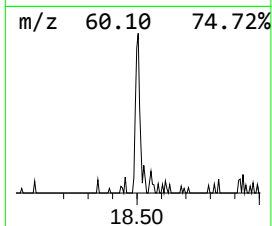
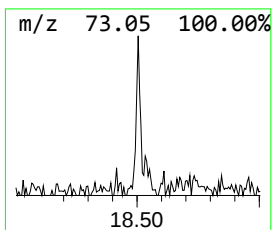
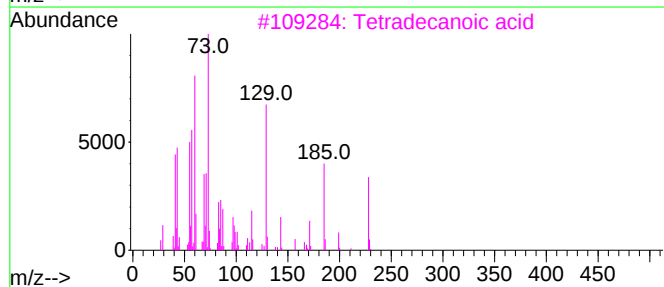
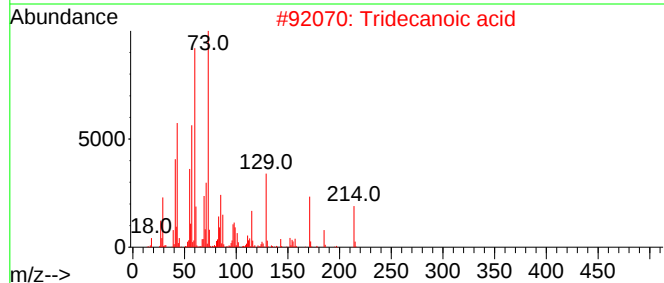
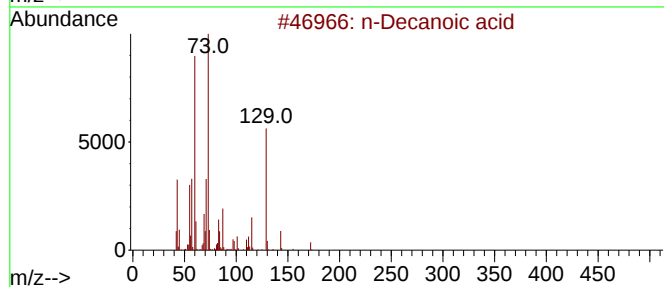
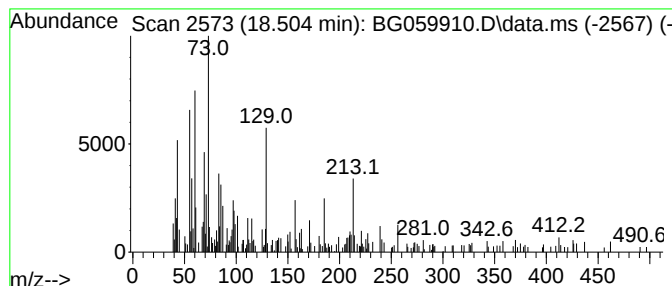
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 n-Decanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.504	5.37 ng	140077	Phenanthrene-d10	17.694

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Decanoic acid	172	C10H20O2	000334-48-5	90
2		Tridecanoic acid	214	C13H26O2	000638-53-9	78
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	70
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
Data File : BG059910.D
Acq On : 27 Nov 2023 21:13
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Sample : 05504-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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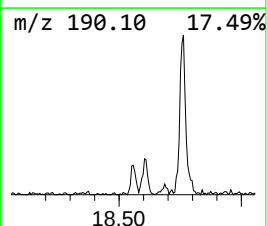
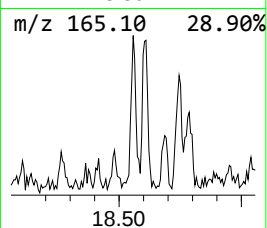
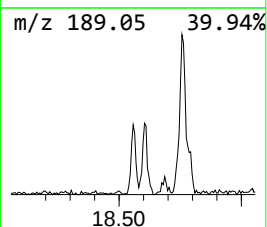
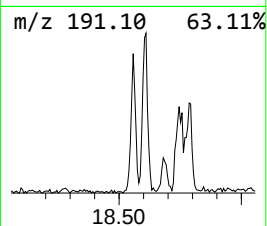
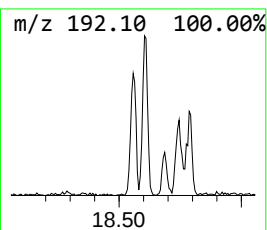
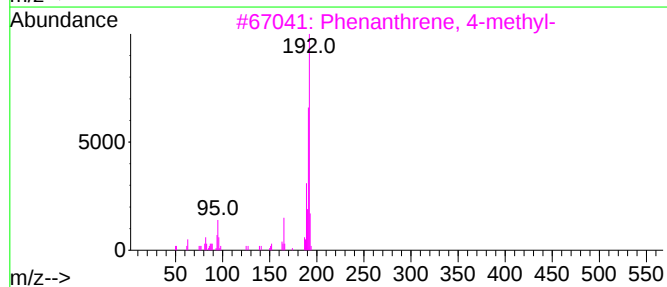
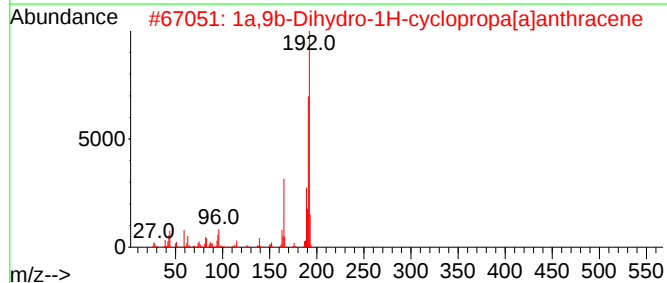
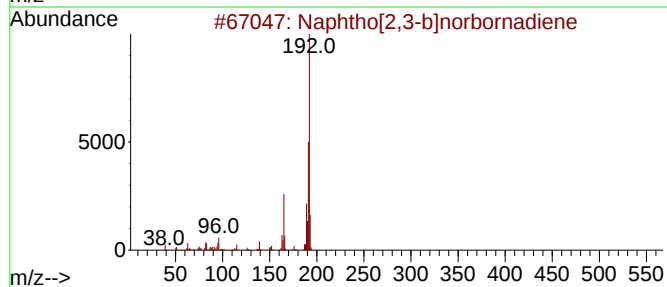
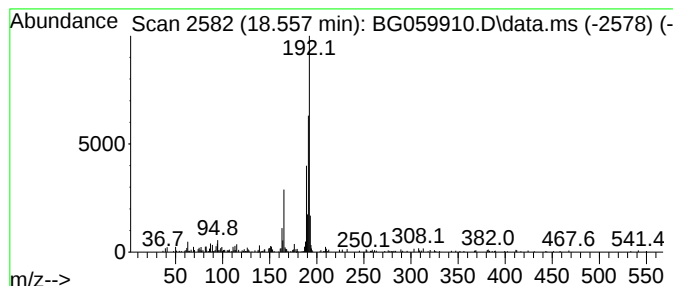
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Naphtho[2,3-b]norbornadiene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.557	8.03 ng	209497	Phenanthrene-d10	17.694

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	89
2			1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	86
3			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	76
4			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	76
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
Data File : BG059910.D
Acq On : 27 Nov 2023 21:13
Operator : MA/JU
Sample : 05504-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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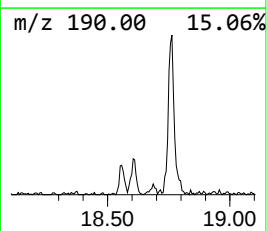
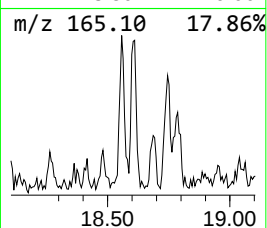
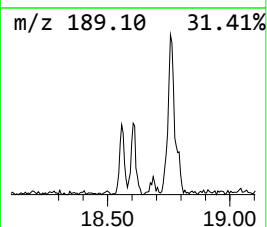
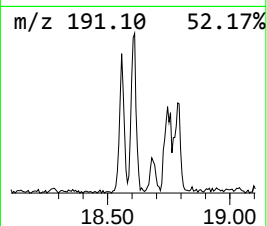
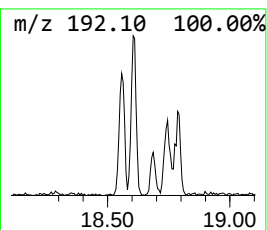
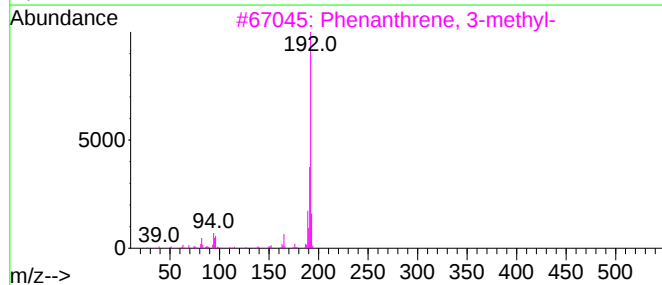
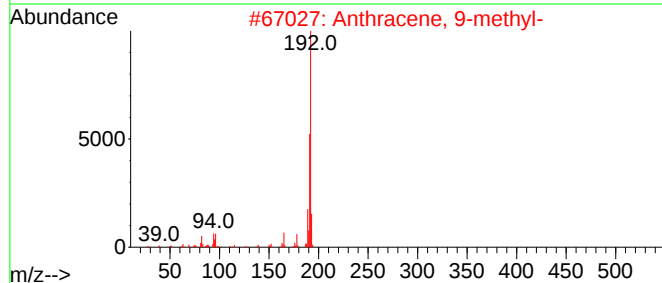
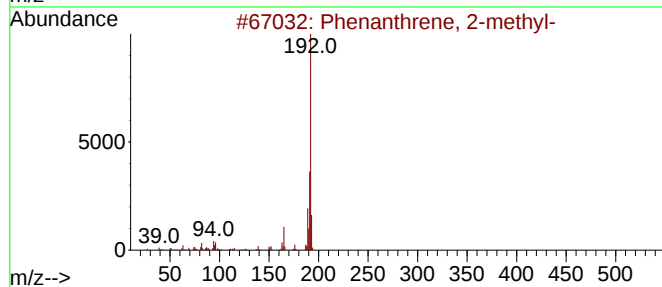
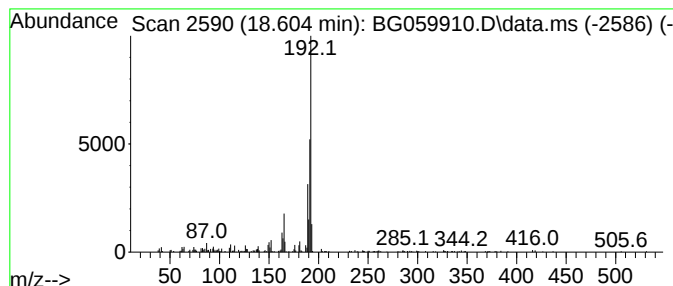
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.604	12.95 ng	337981	Phenanthrene-d10	17.694

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89
2			Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
3			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	87
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
Data File : BG059910.D
Acq On : 27 Nov 2023 21:13
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Sample : 05504-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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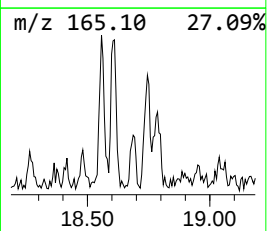
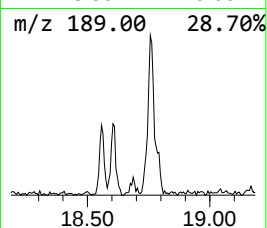
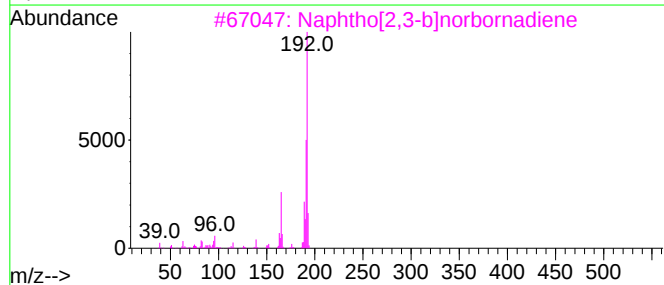
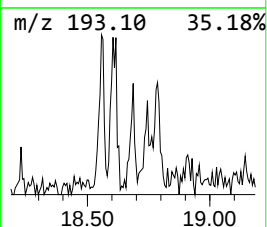
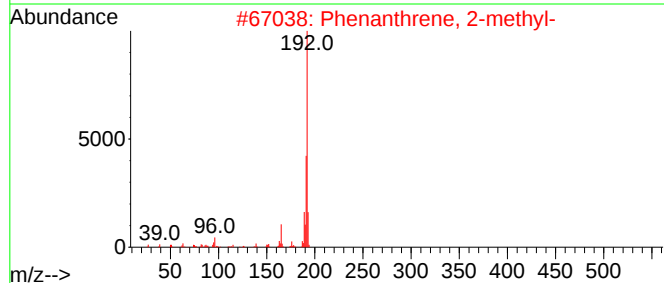
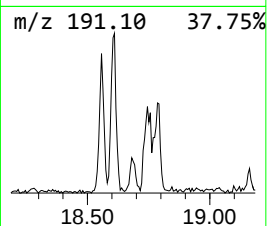
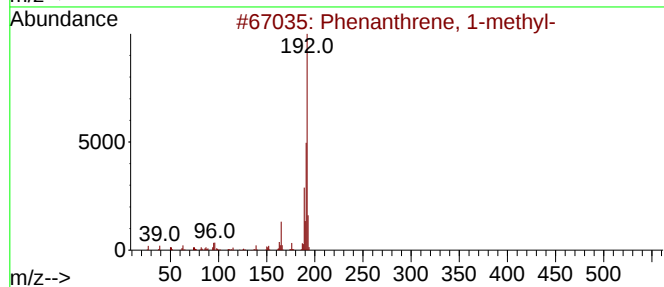
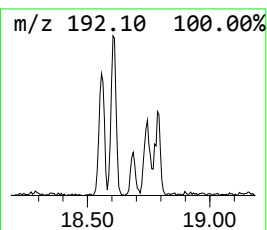
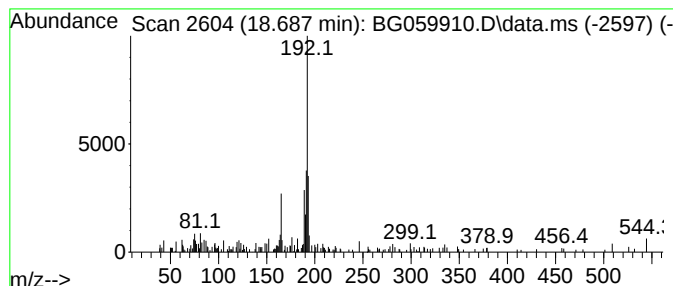
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.687	4.60 ng	119935	Phenanthrene-d10	17.694

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	70
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	70
3			Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	70
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	70
5			Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
Data File : BG059910.D
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Operator : MA/JU
Sample : 05504-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

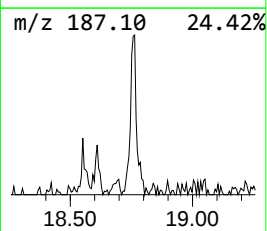
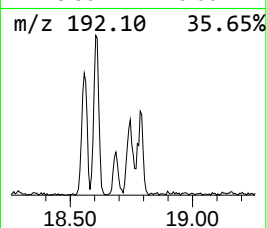
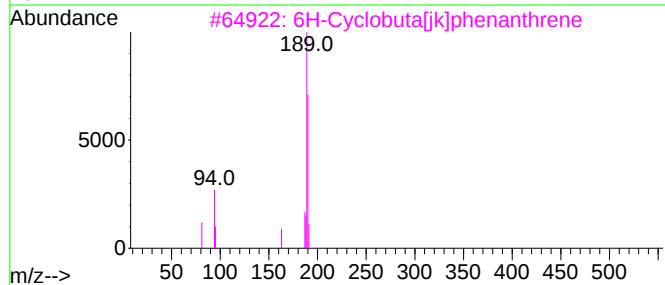
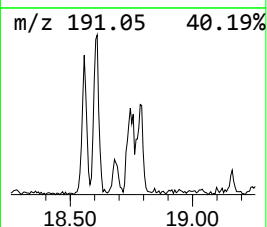
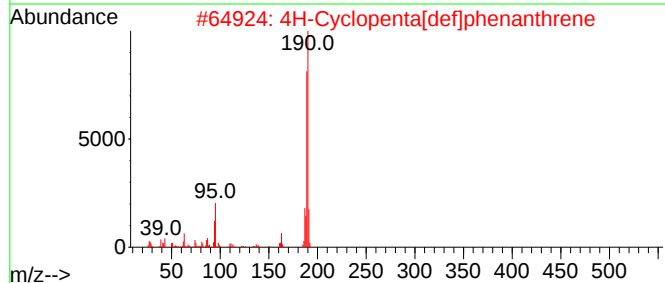
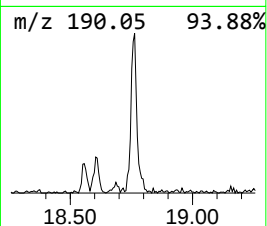
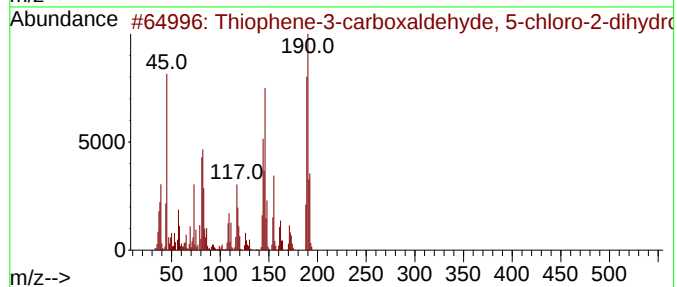
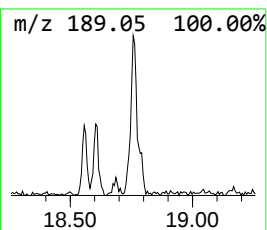
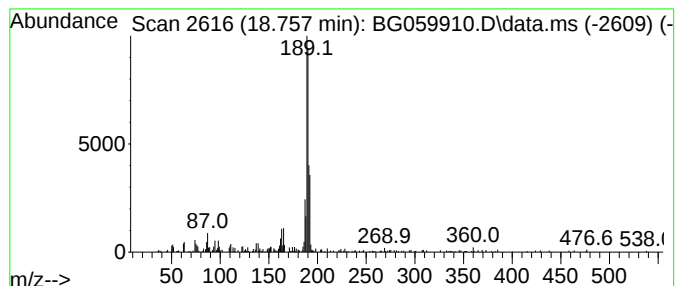
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Thiophene-3-carboxaldehyde,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.757	15.67 ng	408855	Phenanthrene-d10		17.694	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Thiophene-3-carboxaldehyde, 5-ch...		190	C5H4BClO3S	036155-87-0	80
2	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	70
3	6H-Cyclobuta[jk]phenanthrene		190	C15H10	083469-43-6	59
4	6-Bromo-9-phenanthrene diazometh...		324	C16H9BrN2O	1000254-49-2	25
5	5,8-Quinoxalinediol, 2,3-dimethyl-		190	C10H10N2O2	007698-00-2	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
Data File : BG059910.D
Acq On : 27 Nov 2023 21:13
Operator : MA/JU
Sample : 05504-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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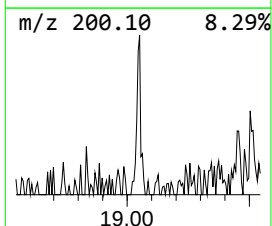
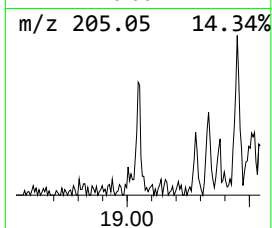
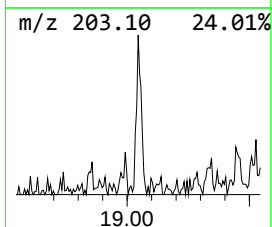
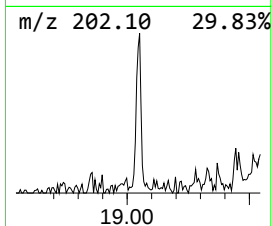
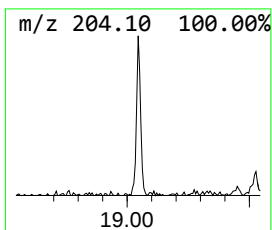
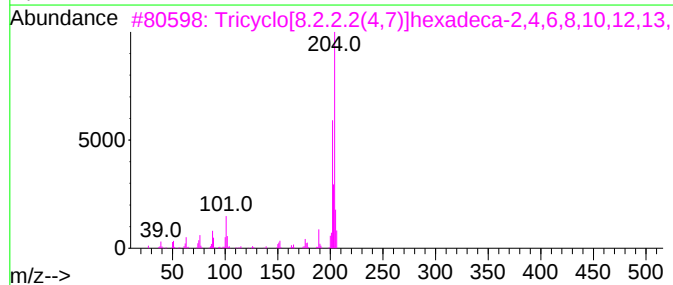
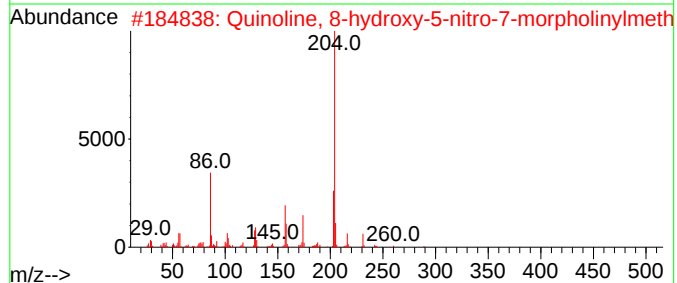
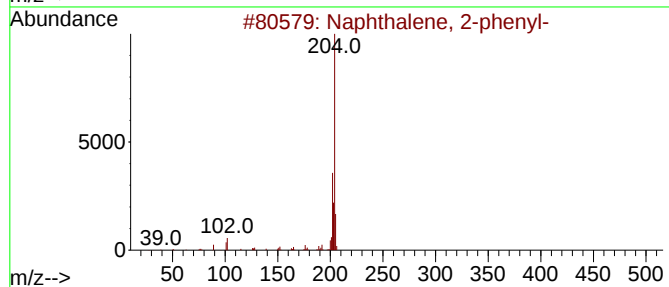
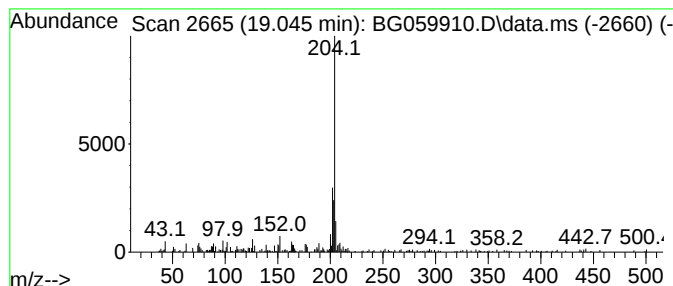
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.045	6.37 ng	166359	Phenanthrene-d10	17.694

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	68
2			Quinoline, 8-hydroxy-5-nitro-7-m...	289	C14H15N3O4	074440-53-2	64
3			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	59
4			9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	53
5			Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
Data File : BG059910.D
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Sample : 05504-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

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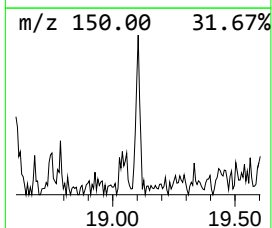
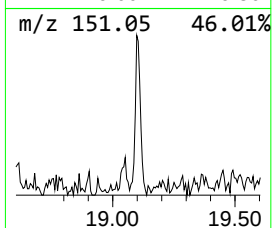
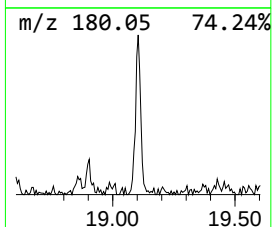
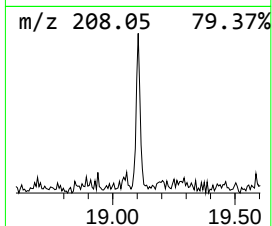
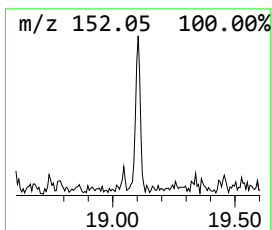
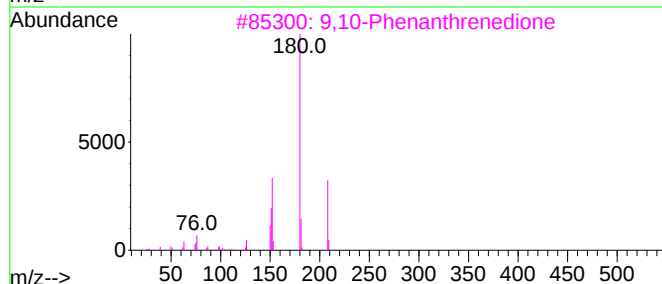
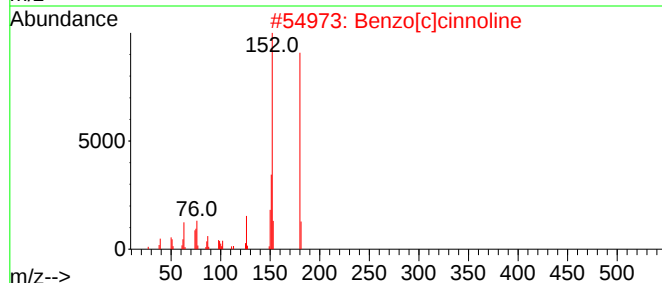
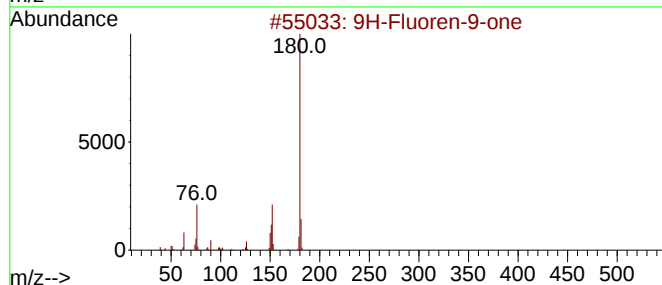
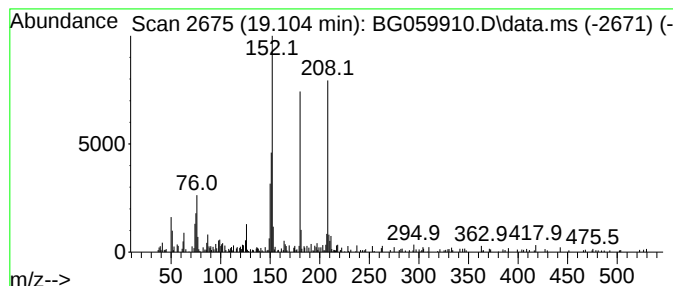
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 9H-Fluoren-9-one Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.104	7.58 ng	197750	Phenanthrene-d10	17.694

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9H-Fluoren-9-one	180	C13H8O	000486-25-9	92
2		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	91
3		9,10-Phenanthredione	208	C14H8O2	000084-11-7	86
4		Biphenylene	152	C12H8	000259-79-0	74
5		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
Data File : BG059910.D
Acq On : 27 Nov 2023 21:13
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Sample : 05504-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

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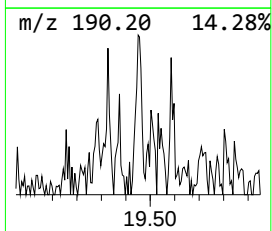
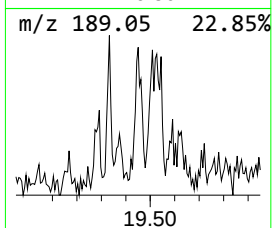
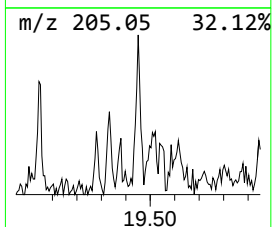
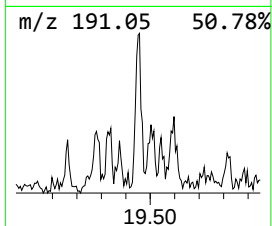
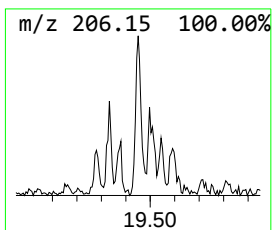
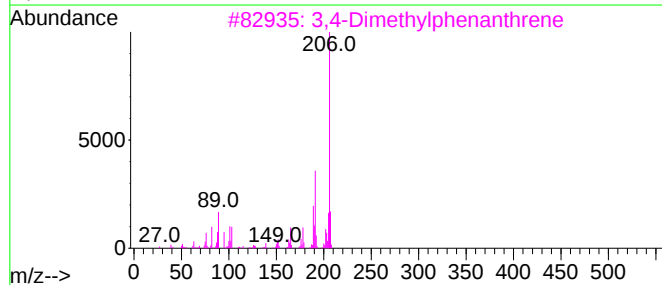
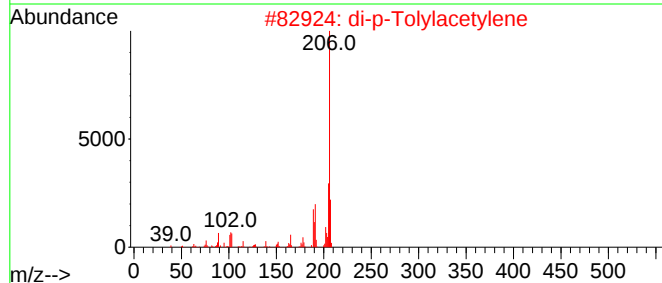
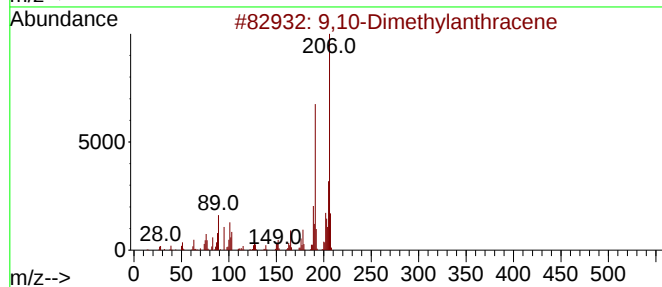
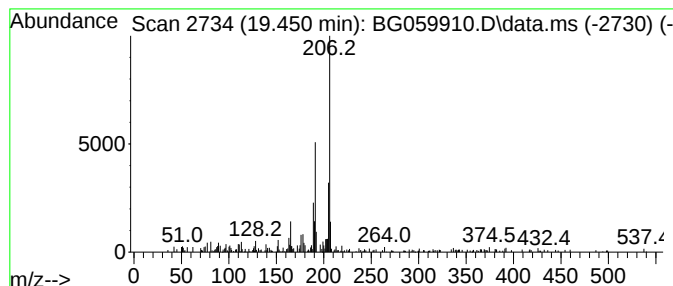
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 9,10-Dimethylantracene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.450	5.94 ng	155069	Phenanthrene-d10	17.694

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,10-Dimethylantracene	206	C16H14	000781-43-1	93
2		di-p-Tolylacetylene	206	C16H14	002789-88-0	90
3		3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	89
4		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87
5		[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
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Operator : MA/JU
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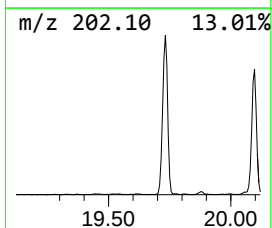
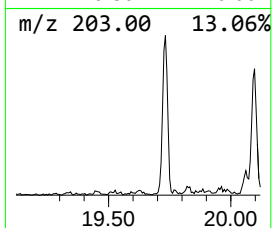
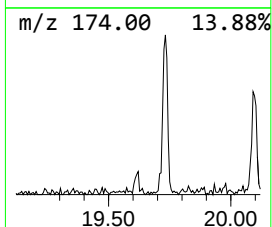
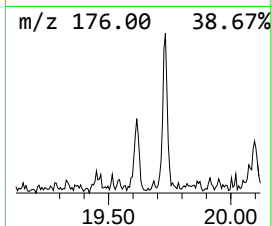
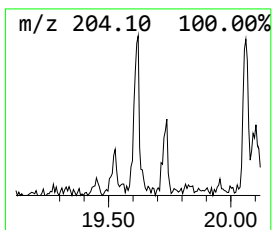
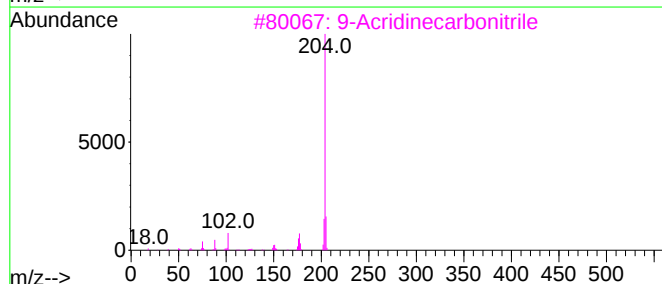
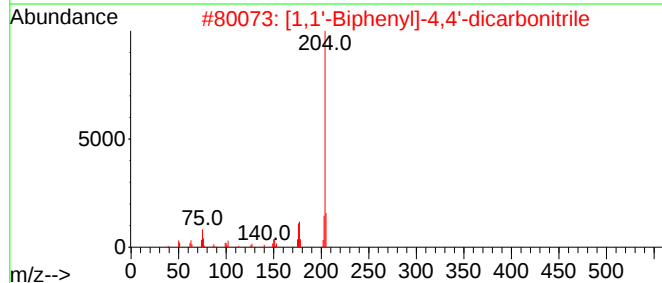
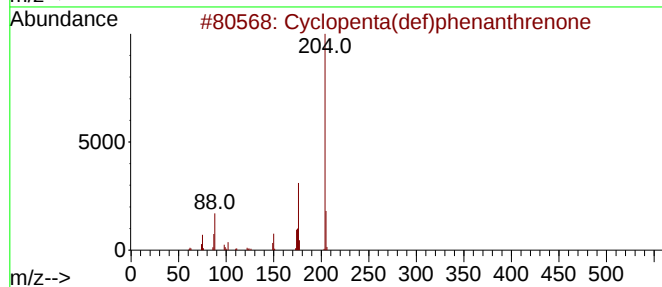
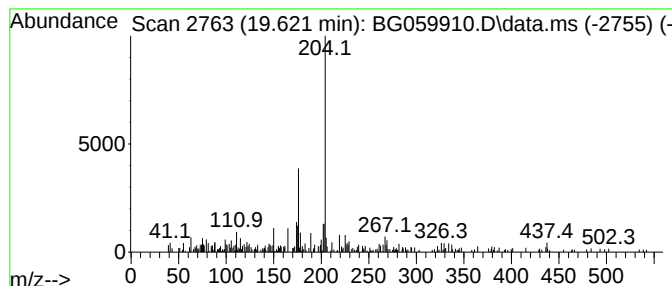
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD			R.T.
19.621	6.37 ng	166155	Phenanthrene-d10			17.694
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	72
2		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
3		9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	47
4		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	47
5		phosphonic acid, P-(3-nitropheny...	427	C22H38NO5P	1000399-21-1	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
Data File : BG059910.D
Acq On : 27 Nov 2023 21:13
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Sample : 05504-02
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Instrument :
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ClientSampleId :
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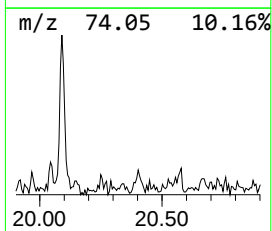
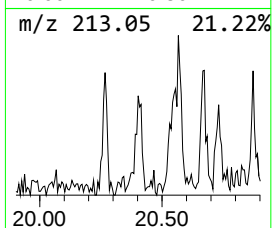
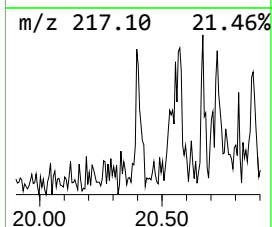
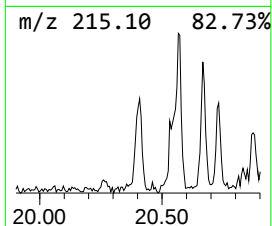
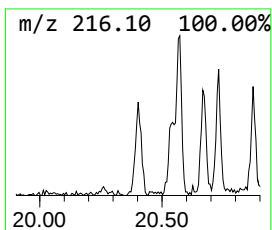
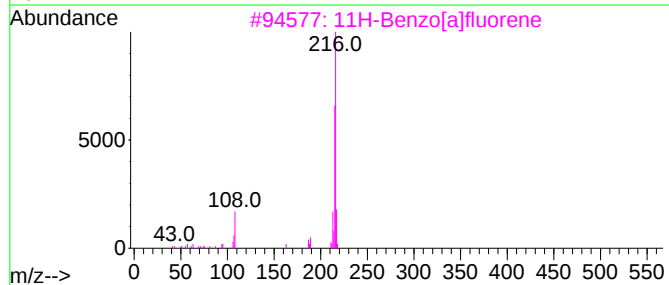
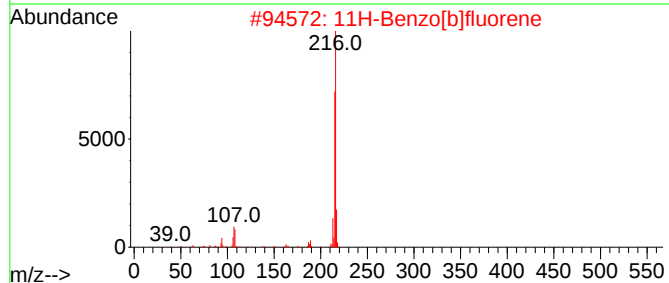
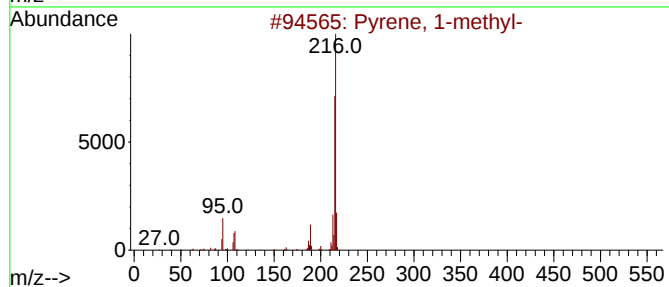
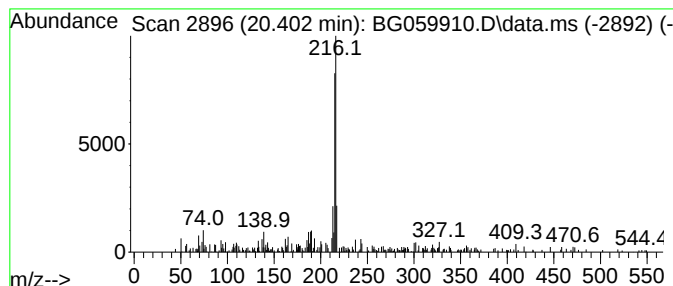
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.402	3.60 ng	178175	Chrysene-d12	22.012

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4			Pyrene, 2-methyl-	216	C17H12	003442-78-2	87
5			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
Data File : BG059910.D
Acq On : 27 Nov 2023 21:13
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Sample : 05504-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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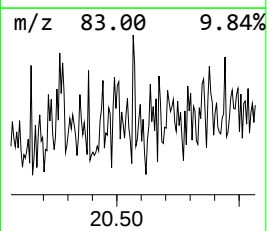
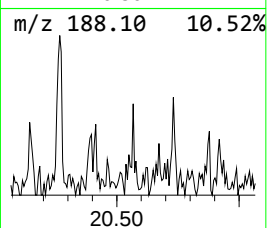
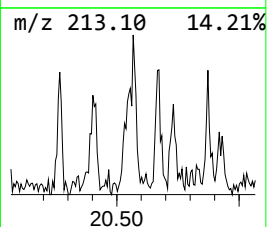
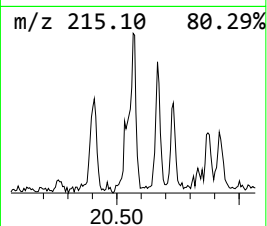
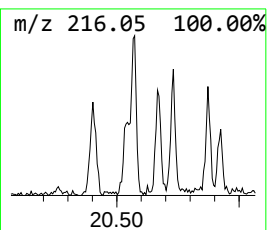
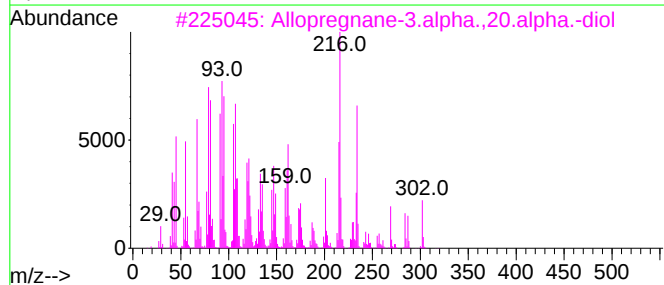
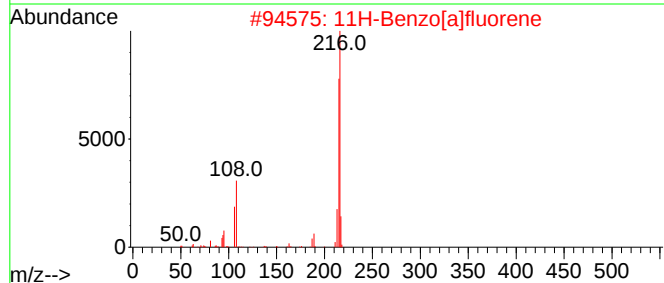
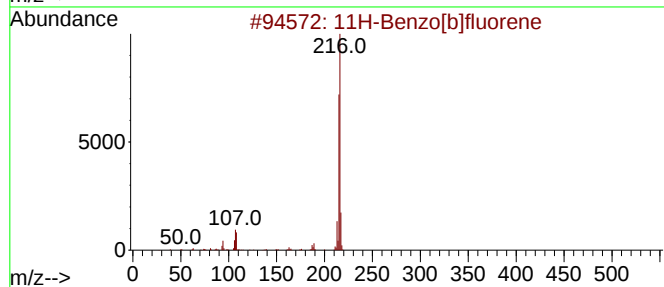
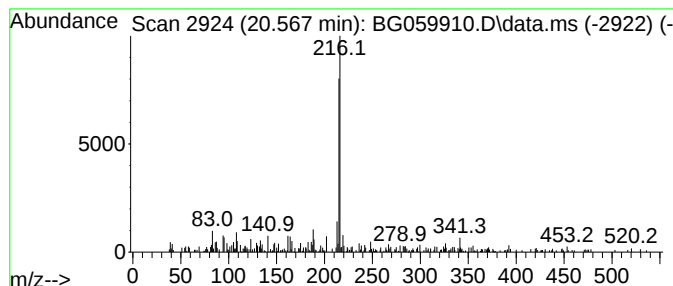
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.567	3.34 ng	164964	Chrysene-d12	22.012

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80
3			Allopregnane-3.alpha.,20.alpha.-...	320	C21H36O2	000566-58-5	78
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	72
5			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
Data File : BG059910.D
Acq On : 27 Nov 2023 21:13
Operator : MA/JU
Sample : 05504-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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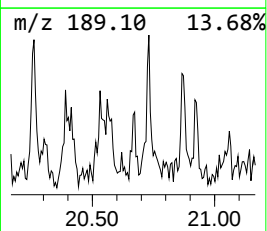
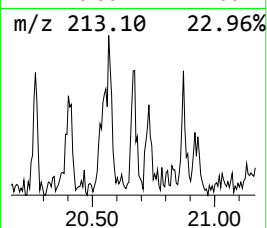
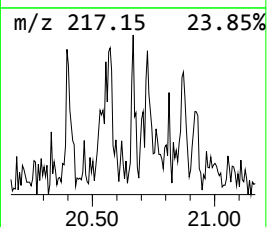
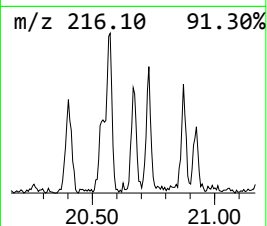
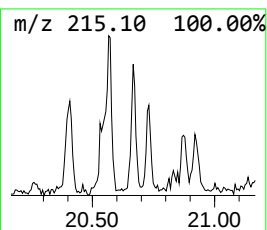
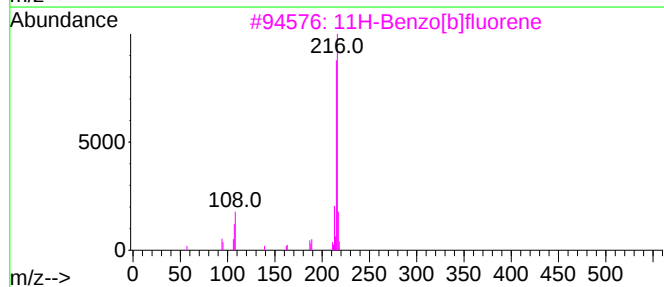
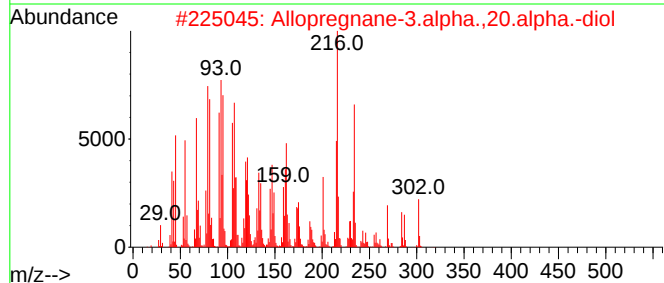
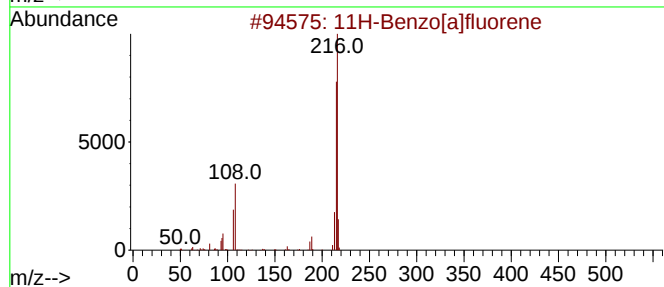
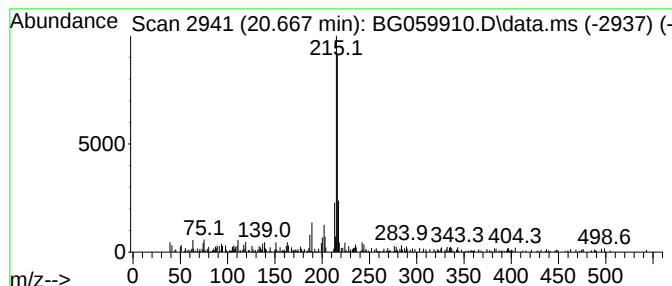
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 11H-Benzo[a]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.667	3.40 ng	167970	Chrysene-d12	22.012

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72
2		Allopregnane-3.alpha.,20.alpha.-...	320	C21H36O2	000566-58-5	72
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	64
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
5		Acetic acid, .alpha.-(1-naphthyl...	276	C19H16O2	1000217-27-2	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
Data File : BG059910.D
Acq On : 27 Nov 2023 21:13
Operator : MA/JU
Sample : 05504-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

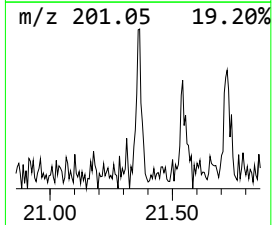
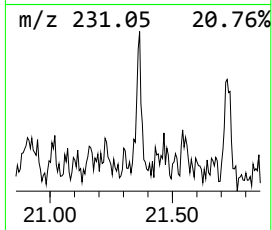
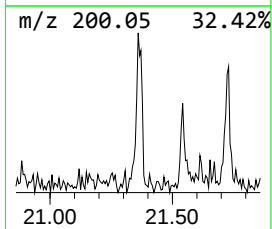
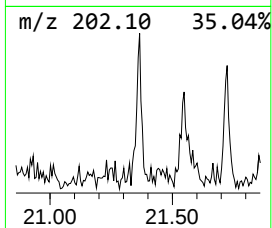
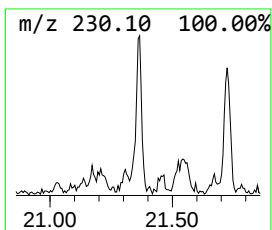
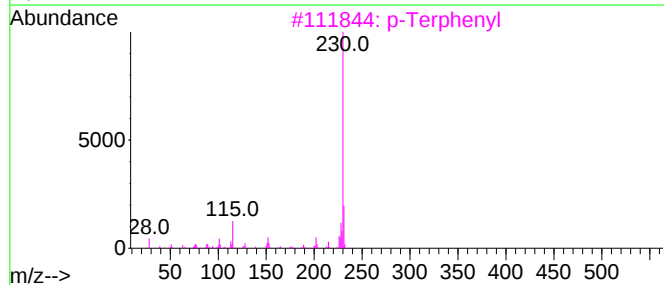
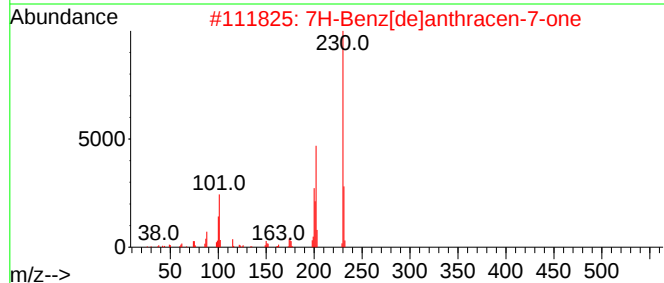
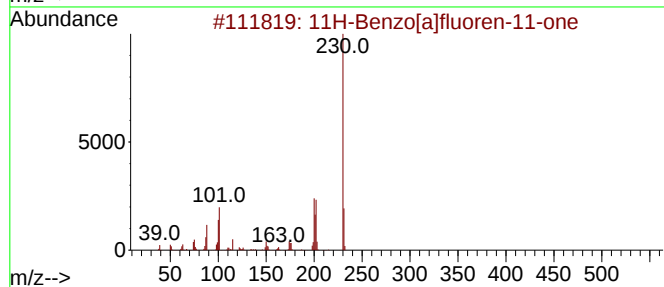
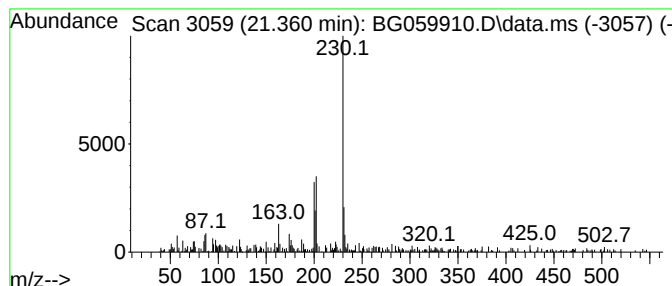
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 11H-Benzo[a]fluoren-11-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.360	3.93 ng	194466	Chrysene-d12	22.012	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	81
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	72
3	p-Terphenyl	230	C18H14	000092-94-4	72
4	3-Chlorocatechol, cyclic phenylb...	230	C12H8BClO2	1000293-25-0	72
5	Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
Data File : BG059910.D
Acq On : 27 Nov 2023 21:13
Operator : MA/JU
Sample : 05504-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

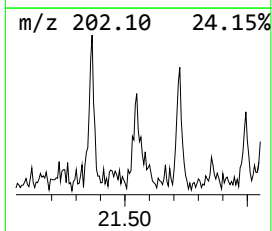
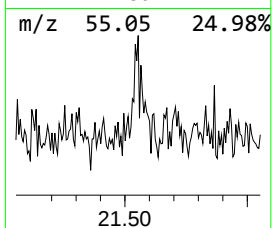
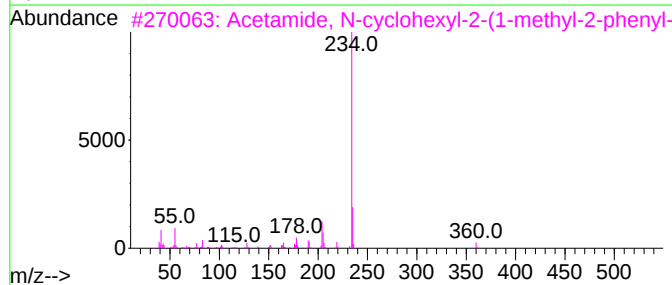
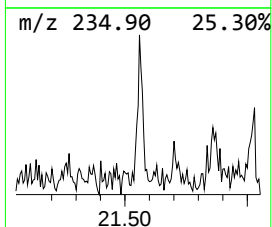
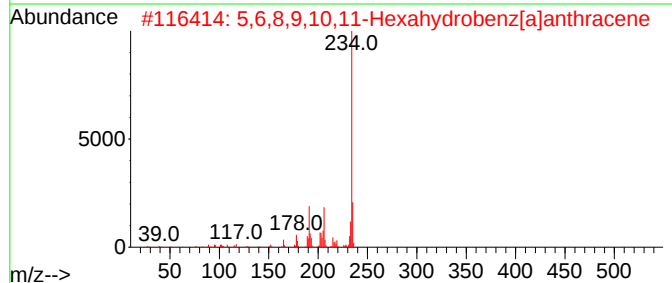
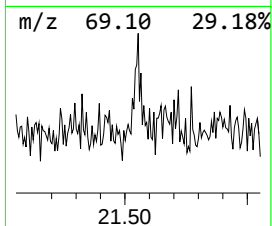
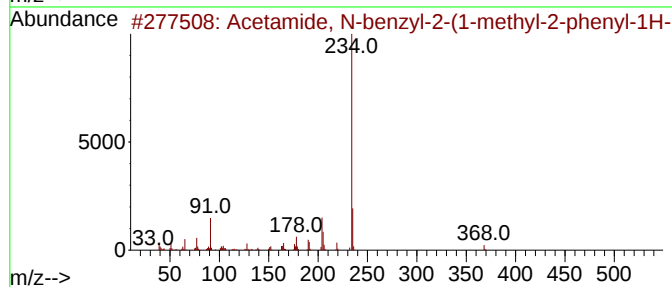
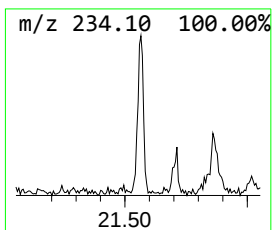
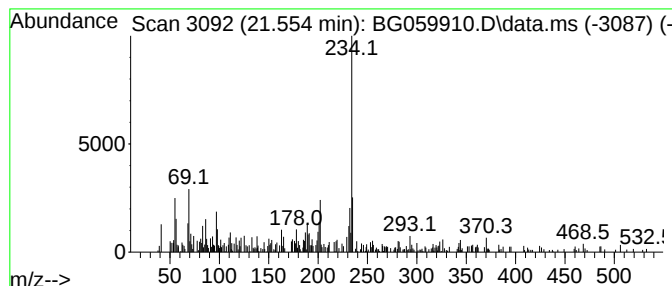
Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Acetamide, N-benzyl-2-(1-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.554	4.64 ng	229347	Chrysene-d12	22.012	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-benzyl-2-(1-methyl-...	368	C24H20N2O2	1000316-08-9	70
2	5,6,8,9,10,11-Hexahydrobenz[a]an...	234	C18H18	067064-61-3	59
3	Acetamide, N-cyclohexyl-2-(1-met...	360	C23H24N2O2	1000316-07-5	58
4	Acetamide, N,N-diethyl-2-(1-meth...	334	C21H22N2O2	1000316-09-3	58
5	Acetamide, 2-(1-methyl-2-phenyl-...	320	C20H20N2O2	1000316-09-0	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
Data File : BG059910.D
Acq On : 27 Nov 2023 21:13
Operator : MA/JU
Sample : 05504-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
281

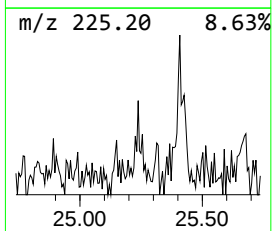
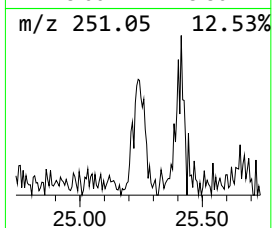
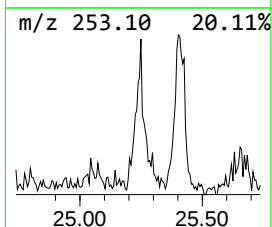
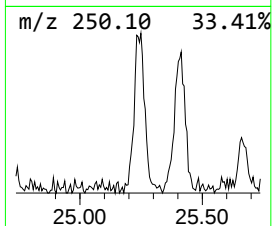
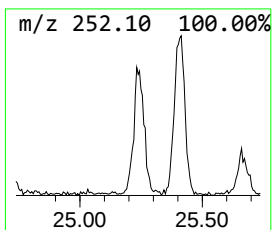
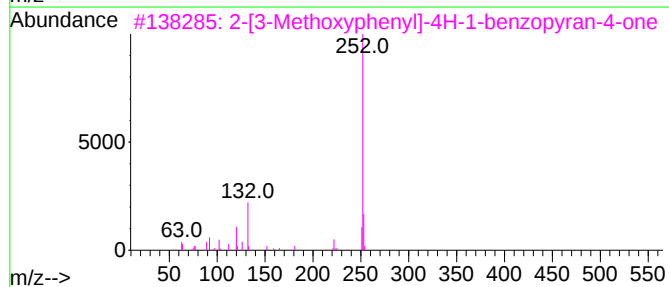
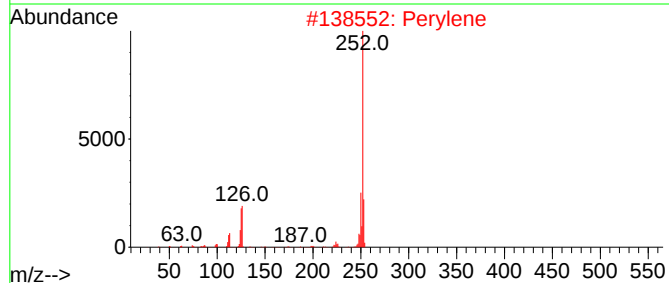
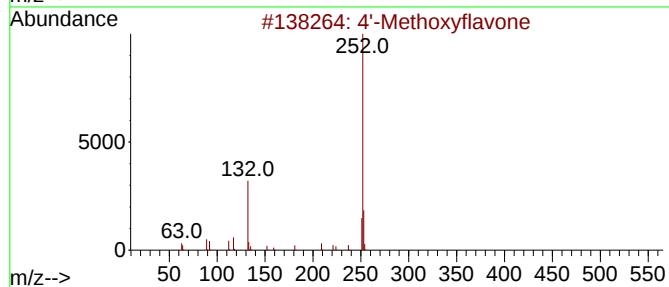
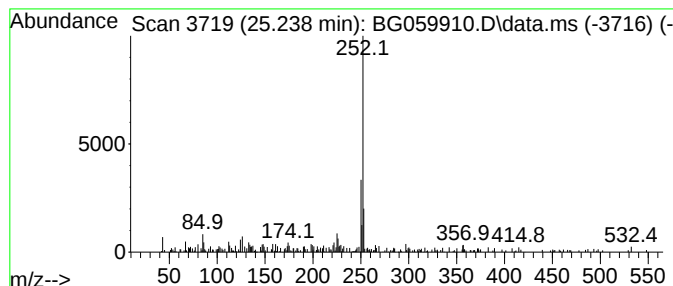
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 4'-Methoxyflavone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.238	12.69 ng	222669	Perylene-d12	25.584

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		4'-Methoxyflavone	252	C16H12O3	004143-74-2	68
2		Perylene	252	C20H12	000198-55-0	68
3		2-[3-Methoxyphenyl]-4H-1-benzopy...	252	C16H12O3	053906-83-5	64
4		Benzo[a]pyrene	252	C20H12	000050-32-8	59
5		7-Methoxyflavone	252	C16H12O3	022395-22-8	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
 Data File : BG059910.D
 Acq On : 27 Nov 2023 21:13
 Operator : MA/JU
 Sample : 05504-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 281

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 2,...	14.104	5.3	ng	120414	3	14.944	457628	20.0
Naphthalene, 1,...	14.257	4.7	ng	108390	3	14.944	457628	20.0
9H-Fluoren-9-ol	16.266	3.3	ng	75237	3	14.944	457628	20.0
3H-Benz[e]inden...	16.977	4.3	ng	111472	4	17.694	521984	20.0
Dibenzothiophene	17.512	5.5	ng	144316	4	17.694	521984	20.0
n-Decanoic acid	18.504	5.4	ng	140077	4	17.694	521984	20.0
Naphtho[2,3-b]n...	18.557	8.0	ng	209497	4	17.694	521984	20.0
Phenanthrene, 2...	18.604	12.9	ng	337981	4	17.694	521984	20.0
Phenanthrene, 1...	18.687	4.6	ng	119935	4	17.694	521984	20.0
Thiophene-3-car...	18.757	15.7	ng	408855	4	17.694	521984	20.0
Naphthalene, 2-...	19.045	6.4	ng	166359	4	17.694	521984	20.0
9H-Fluoren-9-one	19.104	7.6	ng	197750	4	17.694	521984	20.0
9,10-Dimethylan...	19.450	5.9	ng	155069	4	17.694	521984	20.0
Cyclopenta(def)...	19.621	6.4	ng	166155	4	17.694	521984	20.0
Pyrene, 1-methyl-	20.402	3.6	ng	178175	5	22.012	988543	20.0
11H-Benzo[b]flu...	20.567	3.3	ng	164964	5	22.012	988543	20.0
11H-Benzo[a]flu...	20.667	3.4	ng	167970	5	22.012	988543	20.0
11H-Benzo[a]flu...	21.360	3.9	ng	194466	5	22.012	988543	20.0
Acetamide, N-be...	21.554	4.6	ng	229347	5	22.012	988543	20.0
4'-Methoxyflavone	25.238	12.7	ng	222669	6	25.584	350815	20.0